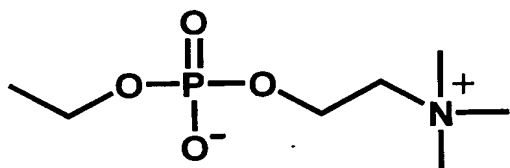


CLAIMS

1. A polysiloxane having a phosphorylcholine group represented by the following general formula

5 (1).

(1)

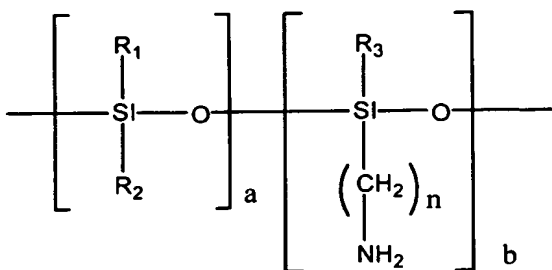


2. A polysiloxane having repeating units represented by the following formulas (5), (6),

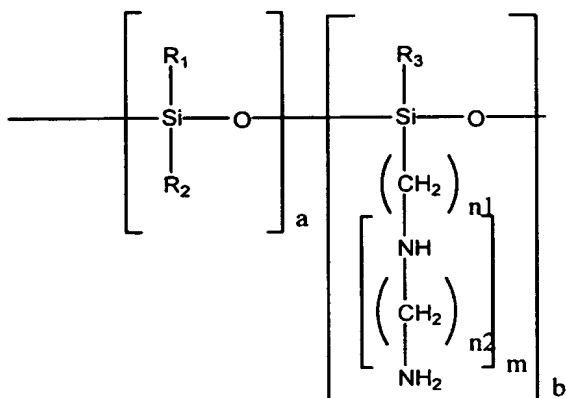
10 and (7) obtained by introducing the phosphorylcholine group represented by said formula (1) to some or all of the amino groups of amino-modified polysiloxane having repeating units a and b or repeating units a, b, and c represented

15 by the following formulas (2), (3), and (4).

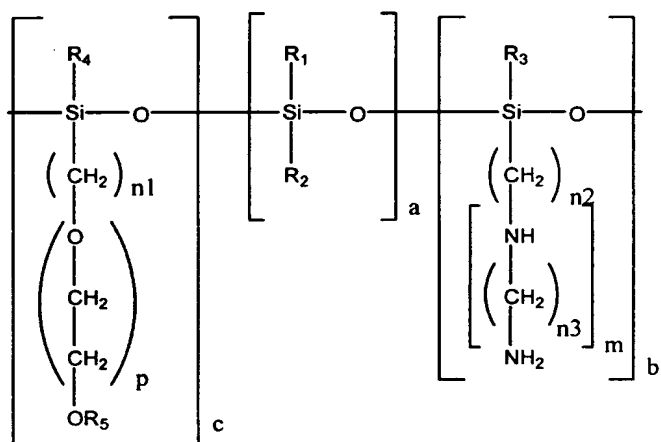
(2)



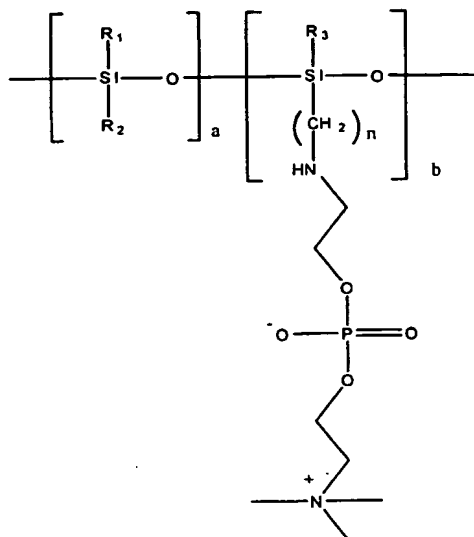
(3)



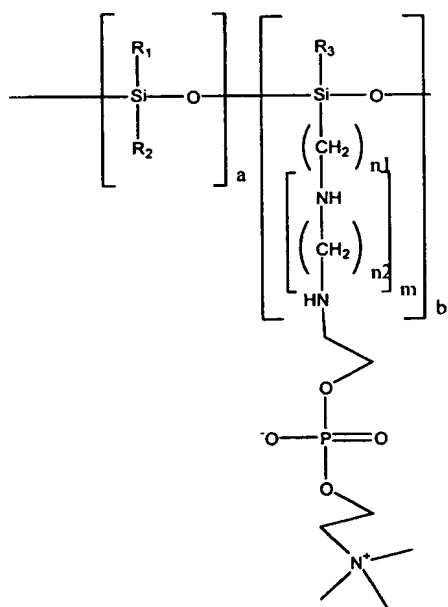
(4)



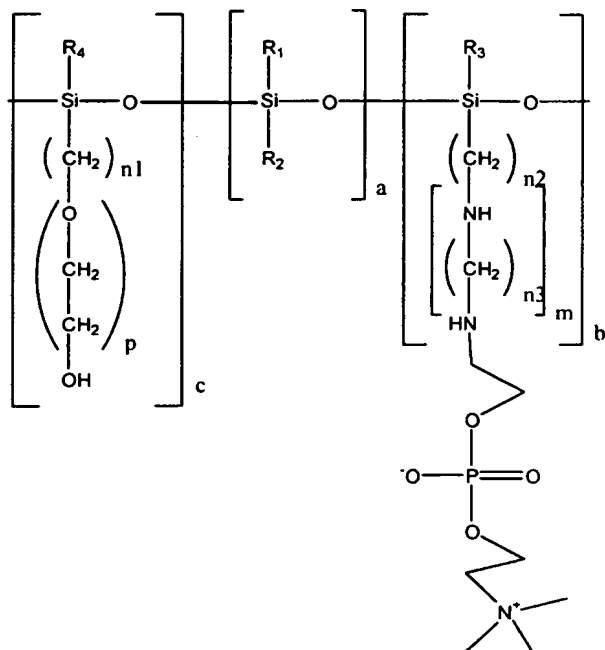
(5)



(6)



(7)



R₁, R₂, R₃, and R₄ independently of each other,
 denote an alkyl group or perfluoroalkyl group
 5 having 1-22 carbon atoms, an alkoxysilyl group
 having 1-6 carbon atoms via an alkylene group
 having 1-6 carbon atoms, a phenyl group, or
 hydroxyl group; R₅ denotes a hydrogen atom or an
 alkyl group having 1-22 carbon atoms. n denotes an
 10 integer 1-22. n₁, n₂, and n₃, independently to
 each other, denote an integer 1-22. m denotes an
 integer 0-10. p denotes an integer 1-30.
 3. A method for manufacturing a polysiloxane
 having phosphorylcholine groups wherein the
 15 aldehyde derivative-containing compound obtained

by the oxidative ring-opening reaction of glycerophosphorylcholine is added to a polysiloxane containing amino groups.